



SPYWOLF

Security Audit Report



Completed on
July 20, 2022

MADE IN USA 

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





OVERVIEW

This audit has been prepared for **HAYYASPORT** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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HAYYASPORT



PROJECT DESCRIPTION

According to their whitepaper:

HAYYA is Web 3.0 platform for worldwide football fans, with a combination of Football - Gamefi - Defi that allows players to join their ecosystem and stake sports matches like NBA, Soccer, Esports with the S2E gaming platform.

Release Date: Presale starts on July, 2022

Category: NFT/Stake to earn (S2E)

01



CONTRACT INFO

Token Name
Hayya Sports

Symbol
HYA

Contract Address
0x3Cde8bB59f7673065Ae11A42aaF9673Db14Ef087

Network
Binance Smart Chain

Language
Solidity

Deployment Date
July 21, 2022

Verified?
Yes

Total Supply
500,000,000

Status
Not launched

TAXES

Buy Tax
5%

Sell Tax
5%

*Taxes cannot be changed



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of July 21, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No Limit

DEX:
PancakeSwap

LP Address(es)



Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	5000000000 HYA
Median Transfer Amount	5000000000 HYA
Average Transfer Amount	5000000000 HYA
First transfer date	2022-07-21
Last transfer date	2022-07-21
Days token transferred	1

SMART CONTRACT STATS

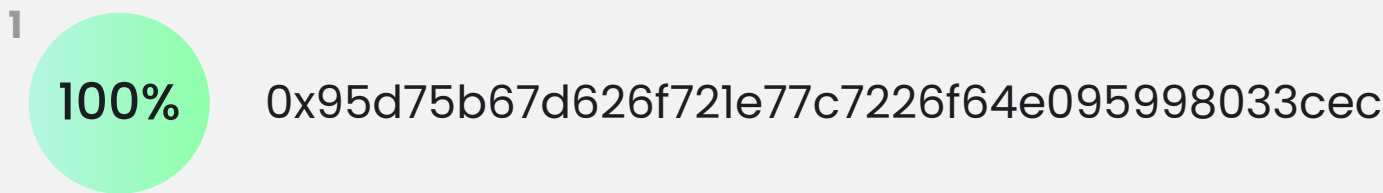
Calls Count	2
External calls	2
Internal calls	0
Transactions count	2
Uniq Callers	1
Days contract called	1
Last transaction time	2022-07-21 06:43:01 UTC
Created	2022-07-21 06:33:46 UTC
Create TX	0xc98a9af301b1a6ea0b966c17b1b20dfea7155ae5bd94641f0819ebd809e53ec3
Creator	0x189e378dfcb6d0963976e00abf9e5e242901c277



FEATURED WALLETS

Owner address	0x00d4255e9234d21ff32d16b4a0f0c40cbf2bb53d
Treasury	Same as owner
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS



*Tokens are not distributed yet



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

**Initial liquidity add deduct 5% fees from the amount added.
Once liquidity is added, buying don't work.**

Swapping accumulated fee fails with revert "Pancake K", because 'swapExactTokensForTokens' function does not support swaps for tokens with fees.

```
function swapTokensForUSDT(uint256 tokenAmount) private {
    address[] memory path = new address[](2);
    path[0] = address(this);
    path[1] = address(usdt);

    _approve(address(this), address(uniswapV2Router), tokenAmount);

    uniswapV2Router.swapExactTokensForTokens(tokenAmount, 0, path, treasury, block.timestamp);
}
```



FOUND THREATS

⚠ Medium Risk

Owner can change HayyaRouter to any contract address, which is involved in `_transfer()` function.

HayyaRouter contract's logic is out of scope of the current audit.

```
function setHayyaRouter(address _address) public onlyOwner {
    hayyaRouter = IHayyaRouter(_address);
}

interface IHayyaRouter {
    function sendRewards(address hayyaer, uint256 _amount) external;
}

function _transfer(
    address sender,
    address recipient,
    uint256 amount
) internal virtual override {
    .....
    if (sender == uniswapV2Pair) {
        super._transfer(sender, address(hayyaRouter), _fee);
        hayyaRouter.sendRewards(recipient, _fee);
    }
    .....
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

HAYYA SPORTS

GOOD PRACTICES FOUND

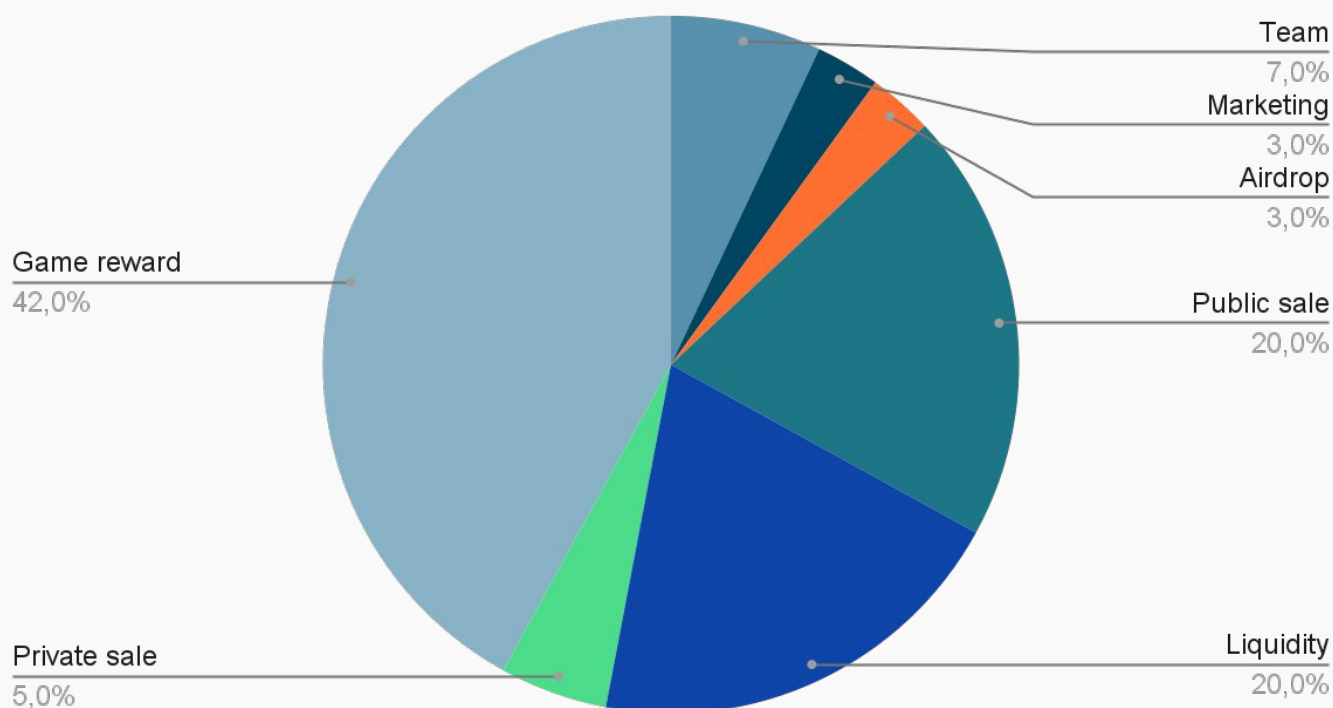
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 20% - Public sale
- 5% - Private sale
- 20% - Liquidity
- 42% - Game reward
- 7% - Team
- 3% - Marketing
- 3% - Airdrop

Tokens distribution



TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://hayyasport.com/>

Domain Registry

<http://www.iNET.vn>

Domain Expiration

Expires on 2023-07-18

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Very nice color scheme and overall layout.

Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper

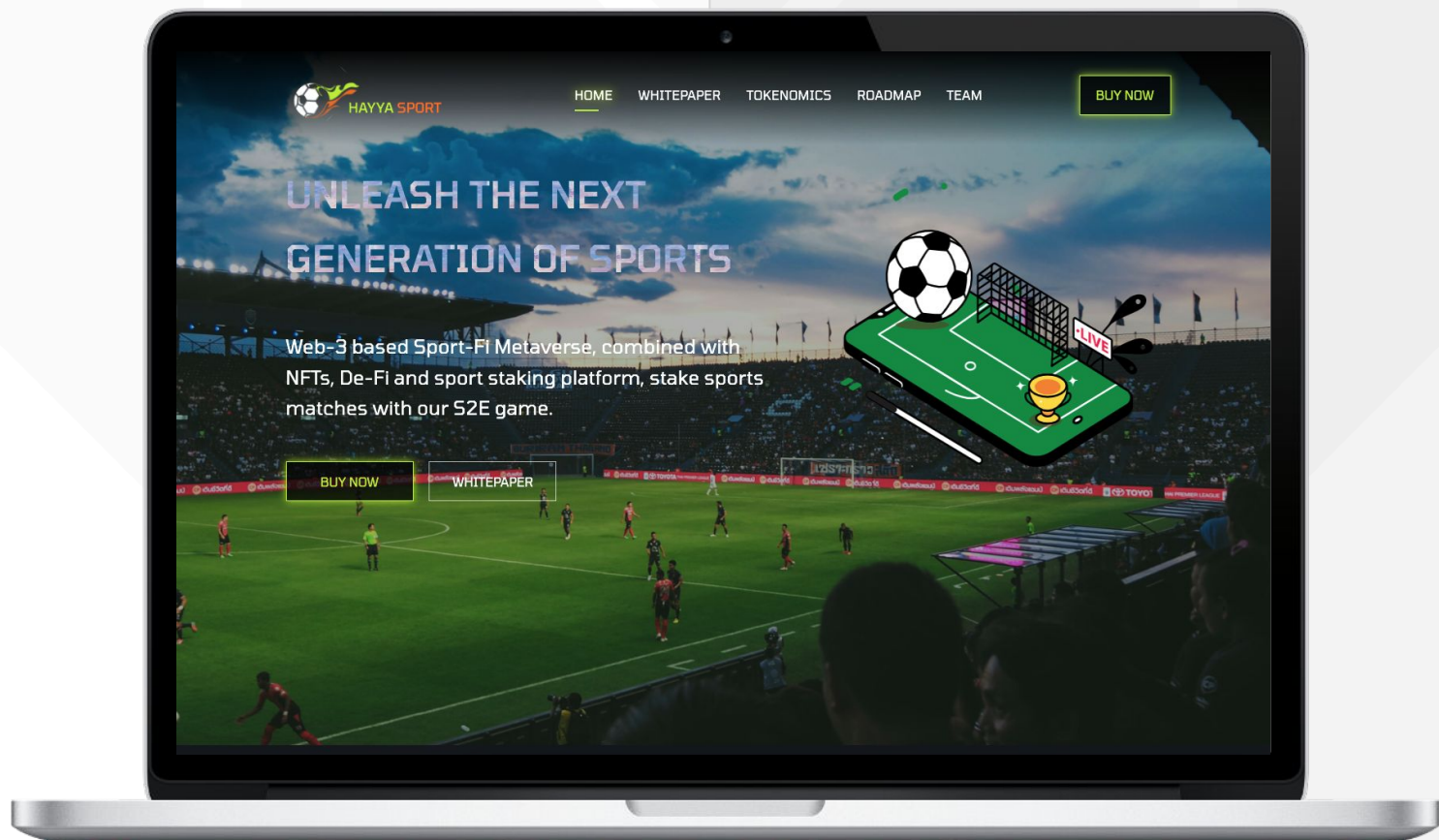
Well written, explanatory.

Roadmap

Yes, goals set for year ahead with time frames.

Mobile-friendly?

Yes



hayyasport.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

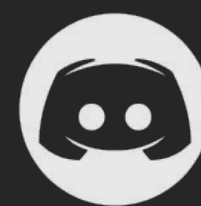
Project's social media pages seems new with inactive users.



Twitter

@HayyaSport

- 6 027 followers
- 2 posts in total ⚠



Discord

<https://discord.com/invite/GUtqRHPEZ6>

- 88 members
- No active members ⚠



Telegram

@Hayyagroup

- 3 482 members, botted ⚠
- No active members ⚠
- No active mods ⚠



Medium

@hayyasportofficialtoofficial

- 1 short article



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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contact@spywolf.co or
t.me/joe_SpyWolf

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.